EXHIBIT 19

PATENT ASSIGNMENT COVER SHEET

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALCATEL-LUCENT USA INC.	12/22/2017

RECEIVING PARTY DATA

Name:	WSOU INVESTMENTS, LLC
Street Address:	11150 SANTA MONICA BLVD.
Internal Address:	SUITE 1400
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025

PROPERTY NUMBERS Total: 114

Property Type	Number
Patent Number:	7366166
Patent Number:	7633861
Patent Number:	7660239
Patent Number:	9606795
Patent Number:	7895350
Patent Number:	6871345
Patent Number:	9769768
Patent Number:	9135348
Patent Number:	7283502
Patent Number:	7426186
Patent Number:	7813270
Patent Number:	7336944
Patent Number:	7953884
Patent Number:	6717921
Patent Number:	7907535
Patent Number:	6510053
Patent Number:	7526304
Patent Number:	7082115
Patent Number:	7113478

Property Type	Number
Patent Number:	8000321
Patent Number:	7136679
Patent Number:	7653396
Patent Number:	7236780
Patent Number:	7406335
Patent Number:	7627293
Patent Number:	7203162
Patent Number:	7155740
Patent Number:	7149245
Patent Number:	6694015
Patent Number:	6612172
Patent Number:	6732545
Patent Number:	7877487
Patent Number:	7142857
Patent Number:	7852792
Patent Number:	7212693
Patent Number:	7697938
Patent Number:	7526807
Patent Number:	7974197
Patent Number:	6989579
Patent Number:	7514359
Patent Number:	7711367
Patent Number:	6791954
Patent Number:	7535876
Patent Number:	7443804
Patent Number:	6970423
Patent Number:	7835740
Patent Number:	7489929
Patent Number:	7133688
Patent Number:	7437654
Patent Number:	7433549
Patent Number:	7317702
Patent Number:	7809090
Patent Number:	7873323
Patent Number:	7426349
Patent Number:	7587218
Patent Number:	6771908
Patent Number:	6721565

Property Type	Number
Patent Number:	7139270
Patent Number:	7107054
Patent Number:	7130619
Patent Number:	7983710
Patent Number:	6453028
Patent Number:	7764974
Patent Number:	6277668
Patent Number:	6984917
Patent Number:	7126250
Patent Number:	6845133
Patent Number:	7406300
Patent Number:	7577120
Patent Number:	7808940
Patent Number:	7035403
Patent Number:	7039410
Patent Number:	7376427
Patent Number:	7209760
Patent Number:	7826795
Patent Number:	7280534
Patent Number:	7418051
Patent Number:	6920192
Patent Number:	7245920
Patent Number:	7822421
Patent Number:	6819930
Patent Number:	7356729
Patent Number:	7768974
Patent Number:	6847805
Patent Number:	7418266
Patent Number:	7426176
Patent Number:	7242727
Patent Number:	7194286
Patent Number:	6519462
Patent Number:	6987729
Patent Number:	6284883
Patent Number:	7835304
Patent Number:	6917808
Patent Number:	7471632
Patent Number:	7957533

Property Type	Number
Patent Number:	7091853
Patent Number:	7180949
Patent Number:	7134056
Patent Number:	7352761
Patent Number:	7079768
Patent Number:	6993337
Patent Number:	6961304
Patent Number:	7286560
Patent Number:	6317456
Patent Number:	7593430
Patent Number:	7308232
Patent Number:	6754482
Patent Number:	7477899
Patent Number:	7430241
Patent Number:	7500167
Application Number:	15674393
Application Number:	14502832
Application Number:	14502431
Application Number:	13353579

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone:	9493656722
Email:	DOCKETING@BURDICKPATENTS.COM
Correspondent Name:	BURDICK PATENTS
Address Line 1:	2526 W. STATE STREET
Address Line 4:	BOISE, IDAHO 83702

NAME OF SUBMITTER:	KRIS PANGAN
SIGNATURE:	/Kris Pangan/
DATE SIGNED:	01/18/2018

Total Attachments: 15

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PATENT
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SCHEDULE G2: ASSIGNMENT OF PATENT RIGHTS

BY ALCATEL LUCENT USA INC

PATENT ASSIGNMENT

This **PATENT ASSIGNMENT**, including without limitation Exhibit A of this Schedule G2, ("**Assignment**") is made by:

(1) **Alcatel-Lucent USA INC.**, a Delaware corporation, having offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, ("**Assignor**"); to

(2) **WSOU Investments LLC** a company validly organized under the laws of Delaware, having its principal address at 11150 Santa Monica Boulevard, Suite 1400 Los Angeles, CA 90025, (the "**Assignee**"),

All references to the plural herein also mean the singular, and vice versa, unless the context otherwise requires.

WHEREAS, Assignor is the owner of certain patents and patent applications, as specified in Exhibit A hereto.

DEFINITIONS

"**Assigned Patents**" means (a) patent applications listed in Exhibit A of this Schedule G2; (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of such patents and patent applications (whether pending, issued, abandoned or filed prior to, on or after the Effective Date); (c) all patents and patent applications (i) to which any or all of the foregoing directly or indirectly claims priority to, or the benefit of, the filing date, or (ii) for which any or all of the foregoing directly or indirectly forms a basis for priority or otherwise provides the benefit of an earlier filing date; and (d) all foreign counterparts to any or all of the foregoing, and all utility models, certificates of invention, patent registrations and equivalent rights worldwide.

"**Assignment Date**" means December 22, 2017.

PATENT ASSIGNMENT

Assignor hereby assigns, transfers, and conveys unto Assignee, all of Assignor's right, title, and interest in and to each of the Assigned Patents.

The assignment, transfer, and conveyance to Assignee set forth above will become effective on the Assignment Date and is made subject to certain encumbrances and retained rights for the Assigned Patents in favor of Assignor and/or its assignees and licensees.

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IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR: ASSIGNOR:

ALCATEL LUCENT USA INC.   ALCATEL LUCENT USA INC.

By: _____   By: _____

Name: KATHRYN E. OLSON   Name: Irena L. Rappaport

Title: AUTHORIZED SIGNATORY   Title: Authorized Signatory

Date: December 22, 2017   Date: December 22, 2017

ACKNOWLEDGED BY ASSIGNEE

ASSIGNEE:

WSOU INVESTMENTS LLC

By: _____

Name: STUART SHANUS

Title: President

Date: January 16, 2018

Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
134058	134058-GB-EPT	EP1364500	02715005.1	GB	30-Nov-2005	21-Feb-2002	Method and Apparatus for Classifying Querying Nodes
134058	134058-JP-PCT	JP3880052	2002570495	JP	17-Nov-2006	27-Feb-2002	Method and Apparatus for Classifying Querying Nodes
134058	134058-IT-EPT	EP1364500	02715005.1	IT	30-Nov-2005	21-Feb-2002	Method and Apparatus for Classifying Querying Nodes
134058	134058-DE-EPT	EP1364500	02715005.1	DE	30-Nov-2005	21-Feb-2002	Method and Apparatus for Classifying Querying Nodes
134058	134058-FR-EPT	EP1364500	02715005.1	FR	30-Nov-2005	21-Feb-2002	Method and Apparatus for Classifying Querying Nodes
134058	134058-CN-PCT	ZL02808356.3	02808356.3	CN	1-Jul-2009	27-Feb-2002	Method and Apparatus for Classifying Querying Nodes
137780	137780-US-NP	US7366166	10/831628	US	29-Apr-2008	23-Apr-2004	A Switch Integrated Circuit Configured To Indirectly Map Network Traffic
137782	137782-US-NP	US7633861	10/831699	US	15-Dec-2009	23-Apr-2004	Fabric Access Integrated Circuit Configured to Bound Cell Reorder Depth
137782	137782-FR-EPA	EP1489796	04300228.6	FR	15-Feb-2012	26-Apr-2004	Fabric Access Integrated Circuit Configured to Bound Cell Reorder Depth
137782	137782-DE-EPA	EP1489796	04300228.6	DE	15-Feb-2012	26-Apr-2004	Fabric Access Integrated Circuit Configured to Bound Cell Reorder Depth
137782	137782-GB-EPA	EP1489796	04300228.6	GB	15-Feb-2012	26-Apr-2004	Fabric Access Integrated Circuit Configured to Bound Cell Reorder Depth
137786	137786-US-NP	US7660239	10/831629	US	9-Feb-2010	23-Apr-2004	Network Switch and Fabric Access Integrated Circuits Configured to Route Around Failed Links Automatically
137786	137786-CN-NP	ZL200410063934.6	200410063934.6	CN	29-Jun-2011	26-Apr-2004	Network Switch and Fabric Access Integrated Circuits Configured to Route Around Failed Links Automatically
137786	137786-FR-EPA	EP1501246	04300229.4	FR	17-Feb-2016	26-Apr-2004	Network Switch and Fabric Access Integrated Circuits Configured to Route Around Failed Links Automatically
137786	137786-DE-EPA	EP1501246	04300229.4	DE	17-Feb-2016	26-Apr-2004	Network Switch and Fabric Access Integrated Circuits Configured to Route Around Failed Links Automatically
137786	137786-GB-EPA	EP1501246	04300229.4	GB	17-Feb-2016	26-Apr-2004	Network Switch and Fabric Access Integrated Circuits Configured to Route Around Failed Links Automatically
802367	802367-US-NP	US9606795	11/123865	US	28-Mar-2017	5-May-2005	Accessing Shared Resource by Intelligent Components
804128	804128-US-CNT	US7895350	10/107557	US	22-Feb-2011	27-Mar-2002	Efficient N-Way Selective Splitter for an XML Data Stream
804134	804134-US-NP	US6871345	09/542274	US	22-Mar-2005	4-Apr-2000	Self-Managing Software Agents With Introspection
807421	807421-US-NP	US9769768	14/265993	US	19-Sep-2017	30-Apr-2014	Method And Apparatus For Reducing Interference In A Heterogeneous Network
814196	814196-US-NP	US9135348	12/624182	US	15-Sep-2015	23-Nov-2009	Method And Apparatus For Machine-Learning Based Profiling
814439	814439-US-CNT		15/674393	US		10-Aug-2017	Mode Diversity In Wavelength Selective Switch, With Reduced Steering Angle
815494	815494-US-NP		14/502832	US		30-Sep-2014	System Method And Apparatus For L2-L3 Correlation And VM-Service Navigation Engine At A Data Center
815496	815496-US-NP		14/502431	US		30-Sep-2014	System Method And Apparatus For Virtual Element Reachability And Service Testing At A Data Center
Abraham 1-46-17-1 (SP)	Abraham 1-46-17-1 (SP)-JP-NP	JP4700201	2001029553	JP	11-Mar-2011	6-Feb-2001	Guaranteeing Types Of Service In A Packet-Based System

Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
Abraham 1-46-17-1 (SP)	Abraham 1-46-17-1 (SP)-GB-EPA	EP1124356	00307392.1	GB	25-Jun-2003	29-Aug-2000	Guaranteeing Types Of Service In A Packet-Based System
Abraham 1-46-17-1 (SP)	Abraham 1-46-17-1 (SP)-FR-EPA	EP1124356	00307392.1	FR	25-Jun-2003	29-Aug-2000	Guaranteeing Types Of Service In A Packet-Based System
Abraham 1-46-17-1 (SP)	Abraham 1-46-17-1 (SP)-DE-EPA	EP1124356	00307392.1	DE	25-Jun-2003	29-Aug-2000	Guaranteeing Types Of Service In A Packet-Based System
Abraham 3-52-2-6 (SP)	Abraham 3-52-2-6 (SP)-US-NP	US7283502	09/666809	US	16-Oct-2007	21-Sep-2000	Enhancement Of Framing Protocol Frame Format To Support Quality Of Service
Abraham 3-52-2-6 (SP)	Abraham 3-52-2-6 (SP)-GB-EPA	EP1191750	01303127.3	GB	17-Dec-2003	2-Apr-2001	Enhancement Of Framing Protocol Frame Format To Support Quality Of Service
Abraham 3-52-2-6 (SP)	Abraham 3-52-2-6 (SP)-FR-EPA	EP1191750	01303127.3	FR	17-Dec-2003	2-Apr-2001	Enhancement Of Framing Protocol Frame Format To Support Quality Of Service
Abraham 3-52-2-6 (SP)	Abraham 3-52-2-6 (SP)-DE-EPA	EP1191750	01303127.3	DE	17-Dec-2003	2-Apr-2001	Enhancement Of Framing Protocol Frame Format To Support Quality Of Service
Abraham 3-52-2-6 (SP)	Abraham 3-52-2-6 (SP)-JP-NP	JP4798903	2001286734	JP	12-Aug-2011	20-Sep-2001	Enhancement Of Framing Protocol Frame Format To Support Quality Of Service
Acharya 12-1-1-1 (S)	Acharya 12-1-1-1 (S)-US-NP	US7426186	10/345612	US	16-Sep-2008	16-Jan-2003	Data Path Provisioning In A Reconfigurable Data Network
Acharya 14-3-3-3 (S)	Acharya 14-3-3-3 (S)-US-NP	US7813270	10/438431	US	12-Oct-2010	15-May-2003	Route Precomputation Method And Apparatus For Bandwidth Guaranteed Traffic
Adamek 2-9 (JG)	Adamek 2-9 (JG)-US-NP	US7336944	10/609222	US	26-Feb-2008	27-Jun-2003	Method And Apparatus For Legal Intercept Monitoring Of A Cellular Telephone Modem (CTM) Device
Agarwal 20-2-4-4-7 (A)	Agarwal 20-2-4-4-7 (A)-EP-EPT		07867869.5	EP		19-Dec-2007	A Method And Apparatus For Overload Control And Audit In A Resource Control And Management System
Agarwal 20-2-4-4-7 (A)	Agarwal 20-2-4-4-7 (A)-US-NP	US7953884	11/784710	US	31-May-2011	9-Apr-2007	A Method And Apparatus For Overload Control And Audit In A Resource Control And Management System
Aggarwal 2-77-53 (S)	Aggarwal 2-77-53 (S)-US-NP	US6717921	09/573783	US	6-Apr-2004	17-May-2000	Method For Configuring A Shared Tree For Routing Traffic In A Multicast Conference
Agrawal 1-2-68 (S)	Agrawal 2-5-74 (S)-US-CIP	US7907535	11/944921	US	15-Mar-2011	27-Nov-2007	Anomaly Detection And Diagnosis Using Passive Monitoring
Azar 23 (K)	Azar 23 (K)-US-NP	US6510053	09/663736	US	21-Jan-2003	15-Sep-2000	Circuit Board Cooling System
Bachl 14-12-13-11 (RW)	Bachl 14-12-13-11 (RW)-US-NP	US7526304	11/239604	US	28-Apr-2009	29-Sep-2005	Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System
Bachl 14-12-13-11 (RW)	Bachl 14-12-13-11 (RW)-JP-PCT	JP5674272	2008533469	JP	9-Jan-2015	25-Sep-2006	Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System
Bachl 14-12-13-11 (RW)	Bachl 14-12-13-11 (RW)-KR-PCT	KR101239687	2007030522	KR	27-Feb-2013	25-Sep-2006	Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System
Bachl 14-12-13-11 (RW)	Bachl 14-12-13-11 (RW)-EP-EPT		06815295.8	EP		25-Sep-2006	Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System
Bachl 14-12-13-11 (RW)	Bachl 14-12-13-11 (RW)-CN-PCT	ZL200680023468.6	200680023468.6	CN	15-Jan-2014	25-Sep-2006	Method Of Increasing The Capacity Of Enhanced Data Channel On Uplink In A Wireless Communications System
Bauer 2-7-7 (NA)	Bauer 2-7-7 (NA)-US-NP	US7082115	09/797366	US	25-Jul-2006	1-Mar-2001	Radio Telecommunications System With Improved Use Of Timeslots
Bauer 3-8-8 (NA)	Bauer 3-8-8 (NA)-US-NP	US7113478	09/796854	US	26-Sep-2006	1-Mar-2001	Radio Telecommunications System With Improved Use of Air Interface (II)
Baum 6-1-3 (S)	Baum 6-1-3 (S)-US-NP	US8000321	11/550967	US	16-Aug-2011	19-Oct-2006	Method And Apparatus For Improved Non-Intrusive Monitoring Functions
Beauford 1 (KD)	Beauford 1 (KD)-JP-NP	JP4824291	2004287152	JP	16-Sep-2011	30-Sep-2004	Call Category For A Call That Terminates At Announcement Server Component

Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
Beauford 1 (KD)	Beauford 1 (KD)-CN-NP	ZL200410085685.0	200410085685.0	CN	21-Mar-2012	29-Sep-2004	Call Category For A Call That Terminates At Announcement Server Component
Beauford 1 (KD)	Beauford 1 (KD)-NZ-NP	NZ535651	535651	NZ	8-Dec-2005	29-Sep-2004	Call Category For A Call That Terminates At Announcement Server Component
Beauford 1 (KD)	Beauford 1 (KD)-US-NP	US7136679	10/697216	US	14-Nov-2006	30-Oct-2003	Call Category For A Call That Terminates At Announcement Server Component
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-US-NP	US7653396	11/204194	US	26-Jan-2010	15-Aug-2005	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-IN-PCT	IN272538	700/CHENP/2008	IN	7-Apr-2016	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-KR-PCT	KR101396162	20087003663	KR	12-May-2014	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-JP-PCT	JP5078892	2008526979	JP	7-Sep-2012	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-FR-EPT	EP1915839	06800798.8	FR	29-Jun-2016	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-DE-EPT	EP1915839	06800798.8	DE	29-Jun-2016	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Bemmel 11-6-4-3 (Jv)	Bemmel 11-6-4-3 (Jv)-GB-EPT	EP1915839	06800798.8	GB	29-Jun-2016	4-Aug-2006	Method For Assigning Uplink And/Or Downlink Capacities Based On An Available Capacity
Benco 1899-9-21 (DS)	Benco 1899-9-21 (DS)-KR-PCT	KR101497170	2010700242 9	KR	23-Feb-2015	25-Jul-2008	Alternate Link On-Demand Instant Replay Supported Via An Internet Protocol Multimedia Subsystem
Benco 1899-9-21 (DS)	Benco 1899-9-21 (DS)-JP-PCT	JP5622574	2010519214	JP	3-Oct-2014	25-Jul-2008	Alternate Link On-Demand Instant Replay Supported Via An Internet Protocol Multimedia Subsystem
Benco 20-14-14-14-14 (DS)	Benco 20-14-14-14-14 (DS)-US-NP	US7236780	10/623695	US	26-Jun-2007	21-Jul-2003	Method For Changing Mobile Subscriber Service Plan
Benning 21-15-22-6-8-7 (RD)	Benning 21-15-22-6-8-7 (RD)-US-NP	US7406335	10/341515	US	29-Jul-2008	13-Jan-2003	Multiple Antenna Transmissions With Deterministic Phase Differences
Bhandari 6-2-3 (R)	Bhandari 6-2-3 (R)-US-NP	US7627293	11/617113	US	1-Dec-2009	28-Dec-2006	Strategic Predistortion Function Selection
Bitar 1 (N)	Bitar 1 (N)-US-NP	US7203162	10/012689	US	10-Apr-2007	30-Oct-2001	Link State Retransmission Mechanism
Brustoloni 9 (JC)	Brustoloni 9 (JC)-US-NP	US7155740	09/902520	US	26-Dec-2006	10-Jul-2001	Method And Apparatus For Robust NAT Interoperation With IPSEC's IKE and ESP Tunnel Mode
Budka 10-8-5-3 (KC)	Budka 10-8-5-3 (KC)-US-NP	US7149245	10/133385	US	12-Dec-2006	29-Apr-2002	Link Adaptation In Enhanced General Packet Radio Service Networks
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-JP-NP	JP4772364	2005117630	JP	1-Jul-2011	15-Apr-2005	An Intelligent Antenna Receiver Architecture
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-KR-NP	KR101129234	2005002944 0	KR	15-Mar-2012	8-Apr-2005	An Intelligent Antenna Receiver Architecture
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-CN-NP	ZL200510065914.7	200510065914.7	CN	12-May-2010	15-Apr-2005	An Intelligent Antenna Receiver Architecture
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-FR-EPA	EP1587220	05251767.9	FR	5-Aug-2009	23-Mar-2005	An Intelligent Antenna Receiver Architecture
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-DE-EPA	EP1587220	05251767.9	DE	5-Aug-2009	23-Mar-2005	An Intelligent Antenna Receiver Architecture
Buehrer 18-8-11-4 (RM)	Buehrer 18-8-11-4 (RM)-GB-EPA	EP1587220	05251767.9	GB	5-Aug-2009	23-Mar-2005	An Intelligent Antenna Receiver Architecture
Byers 30-8-19 (CC)	Byers 30-8-19 (CC)-US-NP	US6694015	09/519813	US	17-Feb-2004	6-Mar-2000	Universal Line Interface In Telecommunications System

Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
Byers 30-8-19 (CC)	Byers 30-8-19 (CC)-FR-EPA	EP1133137	00308102.3	FR	12-Nov-2003	18-Sep-2000	Universal Line Interface In Telecommunications System
Byers 30-8-19 (CC)	Byers 30-8-19 (CC)-DE-EPA	EP1133137	00308102.3	DE	12-Nov-2003	18-Sep-2000	Universal Line Interface In Telecommunications System
Byers 30-8-19 (CC)	Byers 30-8-19 (CC)-GB-EPA	EP1133137	00308102.3	GB	12-Nov-2003	18-Sep-2000	Universal Line Interface In Telecommunications System
Cadet 17-3 (G)	Cadet 17-3 (G)-US-NP	US6612172	09/800048	US	2-Sep-2003	5-Mar-2001	Sol-Gel Tube Crack Detection Apparatus And Method
Cadet 18-5-8 (G)	Cadet 18-5-8 (G)-US-NP	US6732545	09/852420	US	11-May-2004	10-May-2001	Silica Structure Crack Monitoring
Cai 102-3 (Y)	Cai 102-3 (Y)-EP-EPT		07863013.4	EP		17-Dec-2007	Dynamic Service Triggers In Communication Networks
Cai 102-3 (Y)	Cai 102-3 (Y)-JP-PCT	JP5606074	2009544029	JP	5-Sep-2014	17-Dec-2007	Dynamic Service Triggers In Communication Networks
Cai 102-3 (Y)	Cai 102-3 (Y)-US-NP	US7877487	11/618302	US	25-Jan-2011	29-Dec-2006	Dynamic Service Triggers In Communication Networks
Calabrese 10-3-7-16 (RT)	Calabrese 10-3-7-16 (RT)-KR-NP	KR808957	2001022471	KR	25-Feb-2008	25-Apr-2001	Apparatus, Method And System For Maintaining Call Control At A Gateway Mobile Switching Center Utilizing A Packet Network
Calabrese 10-3-7-16 (RT)	Calabrese 10-3-7-16 (RT)-US-NP	US7142857	09/558613	US	28-Nov-2006	26-Apr-2000	Apparatus, Method And System For Maintaining Call Control At A Gateway Mobile Switching Center Utilizing A Packet Network
Calabrese 10-3-7-16 (RT)	Calabrese 10-3-7-16 (RT)-JP-NP	JP3847574	2001128685	JP	1-Sep-2006	26-Apr-2001	Apparatus, Method And System For Maintaining Call Control At A Gateway Mobile Switching Center Utilizing A Packet Network
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-US-NP	US7852792	11/523051	US	14-Dec-2010	19-Sep-2006	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-IN-PCT	IN280079	1389/CHENP/2009	IN	9-Feb-2017	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-KR-PCT	KR101038964	1020097005531	KR	30-May-2011	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-JP-PCT	JP5232151	2009527466	JP	29-Mar-2013	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-CN-PCT	ZL200780034439.4	200780034439.4	CN	25-Nov-2015	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-FR-EPT	EP2070085	07838379.1	FR	16-May-2012	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-DE-EPT	EP2070085	07838379.1	DE	16-May-2012	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Cao 7-8-13-9 (B)	Cao 7-8-13-9 (B)-GB-EPT	EP2070085	07838379.1	GB	16-May-2012	18-Sep-2007	Packet Based Echo Cancellation And Suppression
Carr 8-4-5 (DW)	Carr 8-4-5 (DW)-US-NP	US7212693	10/743253	US	1-May-2007	22-Dec-2003	Optical Substance Analyzer
Chang 2-3-2 (J)	Chang 2-3-2 (J)-CN-NP	ZL200610084176.5	200610084176.5	CN	26-Sep-2012	27-Jan-2006	A Fuzzy Logic Scheduler For Radio Resource Management
Chang 2-3-2 (J)	Chang 2-3-2 (J)-US-NP	US7697938	11/456599	US	13-Apr-2010	11-Jul-2006	A Fuzzy Logic Scheduler For Radio Resource Management
Chao 1-77-1-14 (HJ)	Chao 1-77-1-14 (HJ)-US-NP	US7526807	10/723450	US	28-Apr-2009	26-Nov-2003	Distributed Architecture For Statistical Overload Control Against Distributed Denial Of Service Attacks
Chen 10-12-44 (P)	Chen 10-12-44 (P)-US-NP	US7974197	12/019691	US	5-Jul-2011	25-Jan-2008	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 10-12-44 (P)	Chen 10-12-44 (P)-IN-PCT		4548/CHENP/2010	IN		22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 10-12-44 (P)	Chen 10-12-44 (P)-JP-PCT	JP5506696	2010544323	JP	28-Mar-2014	22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System

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Chen 10-12-44 (P)	Chen 10-12-44 (P)-KR-PCT	KR101127872	20107018684	KR	12-Mar-2012	22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 10-12-44 (P)	Chen 10-12-44 (P)-FR-EPT	EP2238795	09704563.7	FR	24-Apr-2013	22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 10-12-44 (P)	Chen 10-12-44 (P)-DE-EPT	EP2238795	09704563.7	DE	24-Apr-2013	22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 10-12-44 (P)	Chen 10-12-44 (P)-GB-EPT	EP2238795	09704563.7	GB	24-Apr-2013	22-Jan-2009	Method Of Prioritizing User Throughput And User Throughput Limits For Best-Effort Application IN cdma2000 1xEV-DO Wireless Communication System
Chen 2-4-18-39-4 (C)	Chen 2-4-18-39-4 (C)-US-NP	US6989579	10/341777	US	24-Jan-2006	14-Jan-2003	Adhering Layers To Metals With Dielectric Adhesive Layers
Chen 2-4-18-39-4 (C)	Chen 3-8-23-43-8 (C)-US-DIV	US7514359	11/184232	US	7-Apr-2009	19-Jul-2005	Adhering Layers To Metals With Dielectric Adhesive Layers
Chen 22 (XX)	Chen 22 (XX)-FR-EPA	EP1239636	01302129.0	FR	4-Jun-2008	8-Mar-2001	Improved UMTS
Chen 22 (XX)	Chen 22 (XX)-GB-EPA	EP1239636	01302129.0	GB	4-Jun-2008	8-Mar-2001	Improved UMTS
Chen 22 (XX)	Chen 22 (XX)-DE-EPA	EP1239636	01302129.0	DE	4-Jun-2008	8-Mar-2001	Improved UMTS
Chen 67-15-12 (Y)	Chen 67-15-12 (Y)-US-CNT		13/353579	US		19-Jan-2012	Ultra-Broad Band Microwave Photonics RF Transmitter (PA) Based On LINC Concept
Cheng 11-21-3 (F)	Cheng 11-21-3 (F)-CN-NP	ZL101103962.0	200510103962.0	CN	18-Apr-2012	16-Sep-2005	Hybrid Automatic Repeat Request Operation During Soft Hand Offs In A Wireless System
Cheng 11-21-3 (F)	Cheng 11-21-3 (F)-EP-EPA		05255758.4	EP		16-Sep-2005	Hybrid Automatic Repeat Request Operation During Soft Hand Offs In A Wireless System
Cheng 11-21-3 (F)	Cheng 11-21-3 (F)-KR-NP	KR101127867	20050086921	KR	12-Mar-2012	16-Sep-2005	Hybrid Automatic Repeat Request Operation During Soft Hand Offs In A Wireless System
Cheng 11-21-3 (F)	Cheng 11-21-3 (F)-JP-NP	JP4965837	2005270033	JP	6-Apr-2012	16-Sep-2005	Hybrid Automatic Repeat Request Operation During Soft Hand Offs In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-US-NP	US7711367	10/978234	US	4-May-2010	29-Oct-2004	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-IN-NP	IN264868	1563/CHE/2005	IN	27-Jan-2015	28-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-JP-NP	JP4851162	2005313654	JP	28-Oct-2011	28-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-KR-NP	KR101228402	20050102403	KR	25-Jan-2013	28-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-FR-EPA	EP1653673	05256101.6	FR	23-Dec-2009	29-Sep-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-DE-EPA	EP1653673	05256101.6	DE	23-Dec-2009	29-Sep-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 12-25-16-8 (F)	Cheng 12-25-16-8 (F)-GB-EPA	EP1653673	05256101.6	GB	23-Dec-2009	29-Sep-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-US-NP	US6791954	09/592287	US	14-Sep-2004	12-Jun-2000	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio

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Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-TW-NP	TWNI-187436	90113715	TW	4-Feb-2004	6-Jun-2001	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio
Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-JP-NP	JP4758563	2001141359	JP	10-Jun-2011	11-May-2001	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio
Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-FR-EPA	EP1164716	01304720.4	FR	26-Jan-2011	29-May-2001	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio
Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-DE-EPA	EP1164716	01304720.4	DE	26-Jan-2011	29-May-2001	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio
Cheng 15-11-11-3 (TS)	Cheng 15-11-11-3 (TS)-GB-EPA	EP1164716	01304720.4	GB	26-Jan-2011	29-May-2001	Method For Enhanced Power Control By Adaptively Adjusting An Amount Of Change In A Target Signal-To-Noise Ratio
Cheng 5-11 (F)	Cheng 5-11 (F)-US-NP	US7535876	10/404,187	US	19-May-2009	1-Apr-2003	Method Of Flow Control For HSDPA And HSUPA
Cheng 5-11 (F)	Cheng 5-11 (F)-KR-NP	KR101087554	200420782	KR	22-Nov-2011	26-Mar-2004	Method Of Flow Control For HSDPA And HSUPA
Cheng 5-11 (F)	Cheng 5-11 (F)-JP-NP	JP4559766	2004108743	JP	30-Jul-2010	1-Apr-2004	Method Of Flow Control For HSDPA And HSUPA
Cheng 5-11 (F)	Cheng 5-11 (F)-CN-NP	ZL200410031902.8	200410031902.8	CN	20-Nov-2013	31-Mar-2004	Method Of Flow Control For HSDPA And HSUPA
Cheng 5-11 (F)	Cheng 5-11 (F)-EP-EPA		04251889.4	EP		30-Mar-2004	Method Of Flow Control For HSDPA And HSUPA
Cheung 2-3-8-1 (B)	Cheung 2-3-8-1 (B)-US-NP	US7443804	10/998,709	US	28-Oct-2008	29-Nov-2004	Method And Apparatus Of Estimating Available Bandwidth On A Packet Network
Chuah 53 (MC)	Chuah 53 (MC)-US-NP	US6970423	09/764,647	US	29-Nov-2005	18-Jan-2001	Universal Mobile Telecommunications System (UMTS) Quality Of Service (QoS) Supporting Asymmetric Traffic Classes
Chuah 53 (MC)	Chuah 53 (MC)-JP-NP	JP04021207	200201074	JP	5-Oct-2007	18-Jan-2002	Universal Mobile Telecommunications System (UMTS) Quality Of Service (QoS) Supporting Asymmetric Traffic Classes
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-US-NP	US7835740	11/611916	US	16-Nov-2010	18-Dec-2006	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-KR-PCT	KR101106028	20097012542	KR	9-Jan-2012	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-JP-PCT	JP5031848	2009542790	JP	6-Jul-2012	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-IN-PCT	IN284004	3460/CHENP/2009	IN	7-Jun-2017	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-CN-PCT	ZL200780046729.0	200780046729.0	CN	28-Aug-2013	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-FR-EPT	EP2095659	07862565.4	FR	14-Oct-2015	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-DE-EPT	EP2095659	07862565.4	DE	14-Oct-2015	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Claussen 22-18-21-56 (H)	Claussen 22-18-21-56 (H)-GB-EPT	EP2095659	07862565.4	GB	14-Oct-2015	6-Dec-2007	Establishing Cell Codes For Picocells Within A Macrocell
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-US-NP	US7489929	11/095043	US	10-Feb-2009	31-Mar-2005	Hard Handover Procedure For Dedicated And High Speed Shared Channels

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Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-JP-PCT	JP4939529	2008504123	JP	2-Mar-2012	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-KR-PCT	KR101248044	2007022090	KR	21-Mar-2013	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-CN-PCT	ZL200680010397.6	2006800103976	CN	4-Jul-2012	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-FR-EPT	EP1864547	06738739.9	FR	4-Mar-2015	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-DE-EPT	EP1864547	06738739.9	DE	4-Mar-2015	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 10-3-43-28 (S)	Das 10-3-43-28 (S)-GB-EPT	EP1864547	06738739.9	GB	4-Mar-2015	17-Mar-2006	Hard Handover Procedure For Dedicated And High Speed Shared Channels
Das 20-12-25-2 (A)	Das 20-12-25-2 (A)-US-NP	US7133688	10/117508	US	7-Nov-2006	5-Apr-2002	Method For Improving Uplink Control Channel Efficiency In A Wireless Communication System
Das 20-12-25-2 (A)	Das 20-12-25-2 (A)-GB-EPA	EP1351411	03251719.5	GB	22-Dec-2004	19-Mar-2003	Method For Improving Uplink Control Channel Efficiency In A Wireless Communication System
Das 20-12-25-2 (A)	Das 20-12-25-2 (A)-FR-EPA	EP1351411	03251719.5	FR	22-Dec-2004	19-Mar-2003	Method For Improving Uplink Control Channel Efficiency In A Wireless Communication System
Das 20-12-25-2 (A)	Das 20-12-25-2 (A)-DE-EPA	EP1351411	03251719.5	DE	22-Dec-2004	19-Mar-2003	Method For Improving Uplink Control Channel Efficiency In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-US-NP	US7437654	09/725393	US	14-Oct-2008	29-Nov-2000	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-TR-EPA	EP1211839	01305056.2	TR	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-IT-EPA	EP1211839	01305056.2	IT	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-NL-EPA	EP1211839	01305056.2	NL	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-ES-EPA	EP1211839	01305056.2	ES	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-FR-EPA	EP1211839	01305056.2	FR	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-DE-EPA	EP1211839	01305056.2	DE	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-GB-EPA	EP1211839	01305056.2	GB	1-Aug-2007	11-Jun-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-CN-NP	ZL01142476.1	01142476.1	CN	14-Jun-2006	29-Nov-2001	Sub-Packet Adaptation In A Wireless Communication System
Das 3-9-56 (A)	Das 3-9-56 (A)-EP-EPD[2]		03006696.3	EP		26-Mar-2003	Sub-Packet Adaptation In A Wireless Communication System
Davies 1-5 (SW)	Davies 1-5 (SW)-KR-NP	KR742468	2001006075	KR	18-Jul-2007	8-Feb-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-IN-NP	IN217034	103/MAS/2001	IN	24-Mar-2008	5-Feb-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-CA-NP	CA2330709	2330709	CA	30-Aug-2005	10-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-AU-NP	AU774407	16762/01	AU	7-Oct-2004	1-Feb-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-BR-NP	BR0100211-2	PI0100211-2	BR	16-Jun-2015	30-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-JP-NP	JP4700202	2001029556	JP	11-Mar-2011	6-Feb-2001	Handoff System For Wireless Communications

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Davies 1-5 (SW)	Davies 1-5 (SW)-CN-DIV	ZL200910128616.6	200910128616.6	CN	5-Apr-2017	7-Feb-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-FR-EPA	EP1124400	01300745.5	FR	26-May-2010	29-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-DE-EPA	EP1124400	01300745.5	DE	26-May-2010	29-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-GB-EPA	EP1124400	01300745.5	GB	26-May-2010	29-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-FI-EPA	EP1124400	01300745.5	FI	26-May-2010	29-Jan-2001	Handoff System For Wireless Communications
Davies 1-5 (SW)	Davies 1-5 (SW)-SE-EPA	EP1124400	01300745.5	SE	26-May-2010	29-Jan-2001	Handoff System For Wireless Communications
Doerr 118-26 (CR)	Doerr 118-26 (CR)-US-NP	US7433549	11/772204	US	7-Oct-2008	30-Jun-2007	Optical Modulator
Doerr 118-26 (CR)	Doerr 118-26 (CR)-EP-EPT		07838250.4	EP		14-Sep-2007	Optical Modulator
Dominique 11-8 (F)	Dominique 11-8 (F)-US-NP	US7317702	10/903994	US	8-Jan-2008	30-Jul-2004	Method And Apparatus For Enhancing Performance Of Channel Quality Indicator (CQI) Channel In Wireless Communications System
Dominique 34-29-15-4 (F)	Dominique 34-29-15-4 (F)-US-NP	US7809090	11/318464	US	5-Oct-2010	28-Dec-2005	Blind Data Rate Identification For Enhanced Receivers
Drabeck 7-19 (LM)	Drabeck 7-19 (LM)-US-NP	US7873323	11/239317	US	18-Jan-2011	30-Sep-2005	Method Of Estimating Inter-Modulation Distortion
Duelk 3 (M)	Duelk 3 (M)-US-NP	US7426349	10/777942	US	16-Sep-2008	12-Feb-2004	Method Of Signal Transmission In A WDM Communication System
Eckl 10 (WF)	Eckl 10 (WF)-US-NP	US7587218	10/952455	US	8-Sep-2009	28-Sep-2004	Using Power Of A Pilot Channel To Control Output Power From A Transmitter
Eckl 10 (WF)	Eckl 10 (WF)-GB-EPA	EP1641144	05255923.4	GB	14-Feb-2007	22-Sep-2005	Using Power Of A Pilot Channel To Control Output Power From A Transmitter
Eckl 10 (WF)	Eckl 10 (WF)-FR-EPA	EP1641144	05255923.4	FR	14-Feb-2007	22-Sep-2005	Using Power Of A Pilot Channel To Control Output Power From A Transmitter
Eckl 10 (WF)	Eckl 10 (WF)-DE-EPA	EP1641144	05255923.4	DE	14-Feb-2007	22-Sep-2005	Using Power Of A Pilot Channel To Control Output Power From A Transmitter
Eijk 3-5-4-5-5-3-3-8 (PV)	Eijk 3-5-4-5-5-3-3-8 (PV)-US-NP	US6771908	09/781863	US	3-Aug-2004	12-Feb-2001	Fast Protection Switching By Snooping On Downstream Signals In An Optical Network
Eijk 3-5-4-5-5-3-3-8 (PV)	Eijk 3-5-4-5-5-3-3-8 (PV)-GB-EPA	EP1231813	01306911.7	GB	4-Jun-2003	14-Aug-2001	Fast Protection Switching By Snooping On Downstream Signals In An Optical Network
Eijk 3-5-4-5-5-3-3-8 (PV)	Eijk 3-5-4-5-5-3-3-8 (PV)-FR-EPA	EP1231813	01306911.7	FR	4-Jun-2003	14-Aug-2001	Fast Protection Switching By Snooping On Downstream Signals In An Optical Network
Eijk 3-5-4-5-5-3-3-8 (PV)	Eijk 3-5-4-5-5-3-3-8 (PV)-DE-EPA	EP1231813	01306911.7	DE	4-Jun-2003	14-Aug-2001	Fast Protection Switching By Snooping On Downstream Signals In An Optical Network
Ejzak 24-8-3-11 (RP)	Ejzak 24-8-3-11 (RP)-US-NP	US6721565	09/632814	US	13-Apr-2004	7-Aug-2000	Handover Of Wireless Calls Between Systems Supporting Circuit And Packet Call Models
Ejzak 24-8-3-11 (RP)	Ejzak 24-8-3-11 (RP)-DE-EPA	EP1182900	01301397.4	DE	28-Apr-2004	19-Feb-2001	Handover Of Wireless Calls Between Systems Supporting Circuit And Packet Call Models
Ejzak 24-8-3-11 (RP)	Ejzak 24-8-3-11 (RP)-FI-EPA	EP1182900	01301397.4	FI	28-Apr-2004	19-Feb-2001	Handover Of Wireless Calls Between Systems Supporting Circuit And Packet Call Models
Ejzak 24-8-3-11 (RP)	Ejzak 24-8-3-11 (RP)-FR-EPA	EP1182900	01301397.4	FR	28-Apr-2004	19-Feb-2001	Handover Of Wireless Calls Between Systems Supporting Circuit And Packet Call Models
Ejzak 24-8-3-11 (RP)	Ejzak 24-8-3-11 (RP)-JP-NP	JP4827334	2001238944	JP	22-Sep-2011	7-Aug-2001	Handover Of Wireless Calls Between Systems Supporting Circuit And Packet Call Models
Fatehi 37-21-20 (MT)	Fatehi 37-21-20 (MT)-US-NP	US7139270	09/643203	US	21-Nov-2006	22-Aug-2000	System And Method For Transporting Multiple Protocol Formats In A Lightwave Communication Network

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Florkey 14-8-21-20-5 (C)	Florkey 14-8-21-20-5 (C)-US-NP	US7107054	10/761068	US	12-Sep-2006	20-Jan-2004	Reconnection Of Wireless Calls To Mobile Units In Border Cells
Florkey 8-2-9-16-2 (C)	Florkey 8-2-9-16-2 (C)-US-NP	US7130619	10/761067	US	31-Oct-2006	20-Jan-2004	Mobile-Originated Reconnection Of Dropped Wireless Calls
Foschini 19 (GJ)	Foschini 19 (GJ)-US-NP	US7983710	11/809354	US	19-Jul-2011	31-May-2007	Method Of Coordinated Wireless Downlink Transmission
Ganesh 1 (TV)	Ganesh 1 (TV)-CA-NP	CA2331958	2331958	CA	9-Dec-2003	22-Jan-2001	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-US-NP	US6453028	09/514237	US	17-Sep-2002	28-Feb-2000	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-GB-EPA	EP1130928	00307618.9	GB	4-Jun-2008	4-Sep-2000	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-FR-EPA	EP1130928	00307618.9	FR	4-Jun-2008	4-Sep-2000	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-DE-EPA	EP1130928	00307618.9	DE	4-Jun-2008	4-Sep-2000	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-JP-NP	JP3712624	200153268	JP	26-Aug-2005	28-Feb-2001	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Ganesh 1 (TV)	Ganesh 1 (TV)-KR-NP	KR762557	2001009628	KR	20-Sep-2007	26-Feb-2001	Dynamic Traffic Management In An Intelligent Network Of A Telephone System
Goldman 60-41-40-48 (SO)	Goldman 60-41-40-48 (SO)-US-NP	US764974	11/895146	US	27-Jul-2010	23-Aug-2007	Transmission Power Level Regulation For High Priority Wireless Calls
Goossen 83-33 (KW)	Goossen 83-33 (KW)-US-NP	US6277668	09/477095	US	21-Aug-2001	4-Jan-2000	An Optical Detector For Minimizing Optical Crosstalk
Greywall 24-4 (DS)	Greywall 24-4 (DS)-US-NP	US6984917	10/164537	US	10-Jan-2006	6-Jun-2002	Optical Element Having Two Axes Of Rotation For Use In Tightly Spaced Mirror Arrays
Greywall 24-4 (DS)	Greywall 47-20 (DS)-US-CNT	US7126250	11/242571	US	24-Oct-2006	3-Oct-2005	Optical Element Having Two Axes Of Rotation For Use In Tightly Spaced Mirror Arrays
Heinrich 2-7 (G)	Heinrich 2-7 (G)-GB-EPA	EP1117219	00300125.2	GB	7-Sep-2005	11-Jan-2000	Method And Device For Processing Signals Of A Digital Transmission System
Heinrich 2-7 (G)	Heinrich 2-7 (G)-FR-EPA	EP1117219	00300125.2	FR	7-Sep-2005	11-Jan-2000	Method And Device For Processing Signals Of A Digital Transmission System
Heinrich 2-7 (G)	Heinrich 2-7 (G)-DE-EPA	EP1117219	00300125.2	DE	7-Sep-2005	11-Jan-2000	Method And Device For Processing Signals Of A Digital Transmission System
Heinrich 2-7 (G)	Heinrich 2-7 (G)-US-NP	US6845133	09/755445	US	18-Jan-2005	5-Jan-2001	Method And Device For Processing Signals Of A Digital Transmission System
Heinrich 2-7 (G)	Heinrich 2-7 (G)-JP-NP	JP4588890	2001002734	JP	17-Sep-2010	10-Jan-2001	Method And Device For Processing Signals Of A Digital Transmission System
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-FR-EPA	EP1622287	05254500.1	FR	21-May-2008	20-Jul-2005	Extending Wireless Communication RF Coverage Inside Buildings
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-DE-EPA	EP1622287	05254500.1	DE	21-May-2008	20-Jul-2005	Extending Wireless Communication RF Coverage Inside Buildings
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-GB-EPA	EP1622287	05254500.1	GB	21-May-2008	20-Jul-2005	Extending Wireless Communication RF Coverage Inside Buildings
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-US-NP	US7406300	10/901655	US	29-Jul-2008	29-Jul-2004	Extending Wireless Communication RF Coverage Inside Buildings
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-KR-NP	KR101156269	2005006919	KR	7-Jun-2012	29-Jul-2005	Extending Wireless Communication RF Coverage Inside Buildings
Honcharenko 12-11-3 (W)	Honcharenko 12-11-3 (W)-JP-NP	JP4824361	2005220110	JP	16-Sep-2011	29-Jul-2005	Extending Wireless Communication RF Coverage Inside Buildings

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Hu 12-15 (T)	Hu 12-15 (T)-US-NP	US7571120	10/612438	US	18-Aug-2009	2-Jul-2003	Allocation Of Power And Channelization Codes For Data Transfers
Huo 11-40 (DD)	Huo 11-40 (DD)-FR-EPA	EP1596550	052525240.9	FR	5-Mar-2008	22-Apr-2005	Peak-To-Average Power Ratio Control
Huo 11-40 (DD)	Huo 11-40 (DD)-DE-EPA	EP1596550	052525240.9	DE	5-Mar-2008	22-Apr-2005	Peak-To-Average Power Ratio Control
Huo 11-40 (DD)	Huo 11-40 (DD)-GB-EPA	EP1596550	052525240.9	GB	5-Mar-2008	22-Apr-2005	Peak-To-Average Power Ratio Control
Huo 11-40 (DD)	Huo 11-40 (DD)-US-NP	US7808940	10/842713	US	5-Oct-2010	10-May-2004	Peak-To-Average Power Ratio Control
Huo 11-40 (DD)	Huo 11-40 (DD)-JP-NP	JP4728040	2005136816	JP	22-Apr-2011	10-May-2005	Peak-To-Average Power Ratio Control
Huo 11-40 (DD)	Huo 11-40 (DD)-KR-NP	KR10117508	20050038054	KR	10-Feb-2012	6-May-2005	Peak-To-Average Power Ratio Control
Jakobsson 39 (BM)	Jakobsson 39 (BM)-US-NP	US7035403	09/781476	US	25-Apr-2006	12-Feb-2001	Encryption Method And Apparatus With Escrow Guarantees
Jovanovic 1 (V)	Jovanovic 1 (V)-CN-NP	ZL200410036915.4	200410036915.4	CN	4-Mar-2009	21-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-KR-NP	KR101096497	200400026197	KR	14-Dec-2011	16-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-JP-NP	JP4791703	2004126187	JP	29-Jul-2011	22-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-FR-EPA	EP1471763	04252162.5	FR	25-Jul-2007	13-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-DE-EPA	EP1471763	04252162.5	DE	25-Jul-2007	13-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-GB-EPA	EP1471763	04252162.5	GB	25-Jul-2007	13-Apr-2004	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Jovanovic 1 (V)	Jovanovic 1 (V)-US-NP	US7039410	10/420599	US	2-May-2006	22-Apr-2003	Method Of Handoff At The Border Between CDMA Underlay And Overlay Systems
Klein 1 (TE)	Klein 1 (TE)-US-NP	US7376427	10/242132	US	20-May-2008	12-Sep-2002	A Simple Power Control Scheme For Integrated Voice And Data Transmission In Wireless Networks
Kochanski 56-6-6-23 (GP)	Kochanski 56-6-6-23 (GP)-US-NP	US7209760	09/850046	US	24-Apr-2007	8-May-2001	Methods And Apparatus For Mitigating The Effects Of Solar Noise And The Like On A Wireless Communication System
Kochanski 56-6-6-23 (GP)	Kochanski 64-9-18-28 (GP)-US-CNT	US7826795	11/612920	US	2-Nov-2010	19-Dec-2006	Methods And Apparatus For Mitigating The Effects Of Solar Noise And The Like On A Wireless Communication System
Koppol 6 (PV)	Koppol 6 (PV)-US-NP	US7280534	10/717151	US	9-Oct-2007	19-Nov-2003	Managed IP Routing Services For L2 Overlay IP Virtual Private Network (VPN) Services
Kramer 3-26 (GG)	Kramer 3-26 (GG)-US-NP	US7418051	10/721100	US	26-Aug-2008	26-Nov-2003	Nonsystematic Repeat-Accumulate Codes For Encoding And Decoding Information In A Communication System
Laroia 20-6 (R)	Laroia 20-6 (R)-US-NP	US6920192	09/631805	US	19-Jul-2005	3-Aug-2000	Adaptive Antenna Array Methods And Apparatus For Use In A Multi-Access Wireless Communication System
Laroia 20-6 (R)	Laroia 20-6 (R)-JP-NP	JP5047429	2001235911	JP	27-Jul-2012	3-Aug-2001	Adaptive Antenna Array Methods And Apparatus For Use In A Multi-Access Wireless Communication System
Laroia 25-17-10 (R)	Laroia 33-24-17 (R)-US-CNT	US7245920	10/957194	US	17-Jul-2007	1-Oct-2004	Apparatus And Method For Use In Allocating A Channel Resource In Wireless Multiple Access Communications Systems
Laroia 25-17-10 (R)	Laroia 36-27-20 (R)-US-DIV	US7822421	11/752588	US	26-Oct-2010	23-May-2007	Apparatus And Method For Use In Allocating A Channel Resource In Wireless Multiple Access Communications Systems

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Laroia 25-17-10 (R)	Laroia 25-17-10 (R)-US-NP	US6819930	09/706377	US	16-Nov-2004	3-Nov-2000	Apparatus And Method For Use In Allocating A Channel Resource In Wireless Multiple Access Communications Systems
Lennert 11-1-1-5-1-2 (JF)	Lennert 11-1-1-5-1-2 (JF)-US-NP	US7356729	10/867592	US	8-Apr-2008	14-Jun-2004	Restoration Of Network Element Through Employment Of Bootable Image
Li 6-8-1 (P)	Li 6-8-1 (P)-US-NP	US7768974	10/356622	US	3-Aug-2010	3-Feb-2003	Method And Arrangement For Generating Pilot Beacons In Wireless Communication Systems
Liang 1-1 (S)	Liang 1-1 (S)-PL-EPA	EP1693996	06250725.6	PL	23-May-2007	10-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-TR-EPA	EP1693996	06250725.6	TR	23-May-2007	10-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-FR-EPA	EP1693996	06250725.6	FR	23-May-2007	10-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-DE-EPA	EP1693996	06250725.6	DE	23-May-2007	10-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-GB-EPA	EP1693996	06250725.6	GB	23-May-2007	10-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-CN-NP	ZL200610009025.3	200610009025.3	CN	10-Feb-2016	16-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liang 1-1 (S)	Liang 1-1 (S)-JP-NP	JP4794312	200640273	JP	5-Aug-2011	17-Feb-2006	Automatic Discovery Of Pseudo-Wire Peer Addresses In Ethernet-Based Networks
Liu 1 (J)	Liu 1 (J)-KR-NP	KR10961399	200300177750	KR	27-May-2010	29-Mar-2003	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 1 (J)	Liu 1 (J)-JP-NP	JP4459544	2003084725	JP	19-Feb-2010	26-Mar-2003	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 1 (J)	Liu 1 (J)-US-NP	US6847805	10/112232	US	25-Jan-2005	29-Mar-2002	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 1 (J)	Liu 1 (J)-FR-EPA	EP1349304	03251637.9	FR	4-Aug-2004	18-Mar-2003	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 1 (J)	Liu 1 (J)-DE-EPA	EP1349304	03251637.9	DE	4-Aug-2004	18-Mar-2003	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 1 (J)	Liu 1 (J)-GB-EPA	EP1349304	03251637.9	GB	4-Aug-2004	18-Mar-2003	Method For Closed-Loop Subspace Transmission And Reception In A Two Transmit N-Receive Antenna System
Liu 25 (J)	Liu 25 (J)-US-NP	US7418266	10/675346	US	26-Aug-2008	30-Sep-2003	Method For Controlling Timing In A Communications Channels
Liu 6-12 (J)	Liu 6-12 (J)-FR-EPA	EP1411647	03255053.5	FR	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-DE-EPA	EP1411647	03255053.5	DE	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-CZ-EPA	EP1411647	03255053.5	CZ	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-JP-NP	JP4305834	2003297459	JP	15-May-2009	21-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-US-NP	US7426176	10/261293	US	16-Sep-2008	30-Sep-2002	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-KR-NP	KR700308	200300057879	KR	21-Mar-2007	21-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-TR-EPA	EP1411647	03255053.5	TR	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems

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Liu 6-12 (J)	Liu 6-12 (J)-GB-EPA	EP1411647	03255053.5	GB	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-HU-EPA	EP1411647	03255053.5	HU	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-SE-EPA	EP1411647	03255053.5	SE	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 6-12 (J)	Liu 6-12 (J)-FI-EPA	EP1411647	03255053.5	FI	8-Jun-2005	14-Aug-2003	Method Of Power Allocation And Rate Control In OFDMA Systems
Liu 8-1-30 (J)	Liu 8-1-30 (J)-US-NP	US7247727	10/401670	US	10-Jul-2007	31-Mar-2003	Method Of Determining Transmit Power For Transmit Eigenbeams In A Multiple-Input Multiple-Output Communications System
Lozano 6-1-1 (A)	Lozano 6-1-1 (A)-US-NP	US7194286	10/673224	US	20-Mar-2007	30-Sep-2003	Method For Optimizing The Transmit Signal In Multiple Antenna Wireless Links
Lozano 6-1-1 (A)	Lozano 6-1-1 (A)-FR-EPA	EP1521383	04255615.9	FR	27-Dec-2006	16-Sep-2004	Method For Optimizing The Transmit Signal In Multiple Antenna Wireless Links
Lozano 6-1-1 (A)	Lozano 6-1-1 (A)-DE-EPA	EP1521383	04255615.9	DE	27-Dec-2006	16-Sep-2004	Method For Optimizing The Transmit Signal In Multiple Antenna Wireless Links
Lozano 6-1-1 (A)	Lozano 6-1-1 (A)-GB-EPA	EP1521383	04255615.9	GB	27-Dec-2006	16-Sep-2004	Method For Optimizing The Transmit Signal In Multiple Antenna Wireless Links
Lu 6-9-7 (M)	Lu 6-9-7 (M)-US-NP	US6519462	09/568921	US	11-Feb-2003	11-May-2000	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Gopalakrishnan 1-1-10-8 (N)-US-CIP	US6987729	09/569911	US	17-Jan-2006	11-May-2000	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Lu 6-9-7 (M)-GB-EPA	EP1154667	01303941.7	GB	8-Oct-2008	30-Apr-2001	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Lu 6-9-7 (M)-FR-EPA	EP1154667	01303941.7	FR	8-Oct-2008	30-Apr-2001	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Lu 6-9-7 (M)-DE-EPA	EP1154667	01303941.7	DE	8-Oct-2008	30-Apr-2001	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Lu 6-9-7 (M)-KR-NP	KR729888	2001025463	KR	12-Jun-2007	10-May-2001	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Lu 6-9-7 (M)	Lu 6-9-7 (M)-JP-NP	JP3964153	2001140919	JP	1-Jun-2007	11-May-2001	Method And Apparatus For Multi-User Resource Management In Wireless Communication Systems
Mills 14 (AP)	Mills 14 (AP)-US-NP	US6284883	09/739010	US	4-Sep-2001	19-Dec-2000	DNA Affinity Chromatography
Nandagopal 14-48 (T)	Nandagopal 14-48 (T)-US-NP	US7835304	11/946307	US	16-Nov-2010	28-Nov-2007	Method And Apparatus For Assigning IP Addresses
Nelson 1 (EP)	Nelson 1 (EP)-US-NP	US6917808	09/561833	US	12-Jul-2005	28-Apr-2000	Inter-Frequency Handoff Evaluation Method
Netravali 82-61-3 (AN)	Netravali 82-61-3 (AN)-US-NP	US7471632	10/953554	US	30-Dec-2008	30-Sep-2004	Methods And Devices For Selecting Internet Routing Paths
Netravali 82-61-3 (AN)	Netravali 82-61-3 (AN)-KR-NP	KR101154106	2005090954	KR	31-May-2012	29-Sep-2005	Methods And Devices For Selecting Internet Routing Paths
Netravali 82-61-3 (AN)	Netravali 82-61-3 (AN)-IN-NP	IN264067	1384/CHE/2005	IN	3-Dec-2014	29-Sep-2005	Methods And Devices For Selecting Internet Routing Paths
Patel 34 (S)	Patel 34 (S)-US-NP	US7957533	11/905540	US	7-Jun-2011	2-Oct-2007	Method Of Establishing Authentication Keys And Secure Wireless Communication
Pfleging 5-3-10 (GW)	Pfleging 5-3-10 (GW)-US-NP	US7091853	10/733622	US	15-Aug-2006	11-Dec-2003	X10 Communication Of One Or More Messages Between One Or More Mobile Communication Devices And One Or More Module Components

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Riverstone 41 ()	Riverstone 41 ()-US-NP	US7180949	10/439571	US	20-Feb-2007	16-May-2003	High-Speed Chip-to-Chip Communications Interface
Riverstone 42 ()	Riverstone 42 ()-US-NP	US7134056	10/439566	US	7-Nov-2006	16-May-2003	High-Speed Chip-To-Chip Communication Interface With Signal Trace Routing And Phase Offset Detection
Riverstone 67 ()	Riverstone 67 ()-US-NP	US7352761	10/370669	US	1-Apr-2008	18-Feb-2003	Distributing Unused Allocated Bandwidth Using A Borrow Vector
Ruan 1-1 (A)	Ruan 1-1 (A)-US-NP	US7079768	09/820513	US	18-Jul-2006	29-Mar-2001	Dynamic Passive Optical Network (PON) Using A Distributed Optical Cross-Connect Architecture And Dense Wavelength Division Multiplexing
Rudrapatna 12-2 (AN)	Rudrapatna 12-2 (AN)-US-NP	US6993337	09/821790	US	31-Jan-2006	30-Mar-2001	Velocity Based Scheduling In Cellular Systems
Rudrapatna 15-5 (AN)	Rudrapatna 15-5 (AN)-US-NP	US6961304	09/660094	US	1-Nov-2005	12-Sep-2000	Dynamic Reassignment Of Code Space Among Multiple Modes Of Operation
Samadi 5-13 (B)	Samadi 5-13 (B)-US-NP	US7286560	10/304600	US	23-Oct-2007	26-Nov-2002	Methods And Apparatus For Optimum Packet Aggregation In A Communication Network
Sayeed 8 (Z)	Sayeed 8 (Z)-US-NP	US6317456	09/479976	US	13-Nov-2001	10-Jan-2000	Method Of Estimating Signal-To-Noise Ratios
Sticht 10-1 (K)	Sticht 10-1 (K)-US-NP	US7593430	11/192485	US	22-Sep-2009	28-Jul-2005	Method And Apparatus For Generating Virtual Clock Signals
Thomson 25 (DJ)	Thomson 25 (DJ)-US-NP	US7308232	10/177732	US	11-Dec-2007	21-Jun-2002	Method And Apparatus For Estimating A Channel Based On Channel Statistics
Torabi 3 (M)	Torabi 3 (M)-US-NP	US6754482	09/496558	US	22-Jun-2004	2-Feb-2000	Flexible Access Authorization Feature To Enable Mobile Users To Access Services In 3G Wireless Networks
Torabi 3 (M)	Torabi 3 (M)-JP-NP	JP4607346	2001126209	JP	15-Oct-2010	2-Feb-2001	Flexible Access Authorization Feature To Enable Mobile Users To Access Services In 3G Wireless Networks
Vasudevan 13 (S)	Vasudevan 13 (S)-US-NP	US7477899	11/040368	US	13-Jan-2009	21-Jan-2005	Integrating Rate Or Power Control With Scheduling Of Reverse Link Wireless Transmissions In A Handoff Zone
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-US-NP	US7430241	10/388553	US	30-Sep-2008	14-Mar-2003	Method For Early Decoding Of Control Channel Information
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-FR-EPA	EP1458128	042509220.8	FR	19-Nov-2008	20-Feb-2004	Method For Early Decoding Of Control Channel Information
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-DE-EPA	EP1458128	042509220.8	DE	19-Nov-2008	20-Feb-2004	Method For Early Decoding Of Control Channel Information
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-GB-EPA	EP1458128	042509220.8	GB	19-Nov-2008	20-Feb-2004	Method For Early Decoding Of Control Channel Information
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-KR-NP	KR101078198	20040014939	KR	25-Oct-2011	5-Mar-2004	Method For Early Decoding Of Control Channel Information
Vasudevan 6-5-6 (S)	Vasudevan 6-5-6 (S)-JP-NP	JP4571421	200469882	JP	20-Aug-2010	12-Mar-2004	Method For Early Decoding Of Control Channel Information
Widdup 1 (BJ)	Widdup 1 (BJ)-US-NP	US7500167	10/259303	US	3-Mar-2009	30-Sep-2002	BER Calculation Device For Calculating The BER During The Decoding Of An Input Signal

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